```cpp
#include <LiquidCrystal.h>
LiquidCrystal lcd(12, 11, 5, 4, 3, 2);
int statusplus = 0;
int statusmin = 0;
int plus = 0;
int endstatus = 0;
int anlog = A0;
int val = 0;
int dir1PinA = 8;
int dir2PinA = 10;
int    speedPinA    =    9;// atur kecepatan


void setup()
{
  // put your setup code here, to run once:
  pinMode(6, INPUT);
  pinMode(7, INPUT);
  pinMode(13, OUTPUT);
pinMode(dir1PinA,OUTPUT);
pinMode(dir2PinA,OUTPUT);
pinMode(speedPinA,OUTPUT);

  lcd.begin(16, 2);
  lcd.setCursor(1,1);
  lcd.print("AYAM  OTOMATIS");

  lcd.setCursor(1,0);
  lcd.print("TEMPAT PAKAN");
  delay(5000);
  lcd.clear();

  lcd.setCursor(1,1);
  lcd.print("setSens :");

  lcd.setCursor(1,0);
  lcd.print("NSens   :");
}

void loop()
{
```

```arduino
// put your main code here, to run repeatedly:
 statusplus =digitalRead(6);
if(statusplus != statusmin)
{
if(statusplus == HIGH)
  {
    plus+=10;
    lcd.setCursor(11,1);
    lcd.print(plus);
    lcd.print(" ");
   }
delay(100);
}
endstatus = statusplus;

 statusmin =digitalRead(7);
if(statusmin != statusplus);
{
  if(statusmin == HIGH)
  {
   plus-=10;
   lcd.setCursor(11,1);
   lcd.print(plus);
   lcd.print(" ");
  }
 delay(100);
 }
endstatus=statusmin;

 val =analogRead(anlog);
lcd.setCursor(11,0);
lcd.print(val);
lcd.print("    ");
if(val > plus)
{
 digitalWrite(13, LOW);
analogWrite(speedPinA, 255);     //Sets speed variable via PWM
digitalWrite(dir1PinA, LOW);
digitalWrite(dir2PinA, LOW);
}
else
```

```
  {
    digitalWrite(13, HIGH);
  analogWrite(speedPinA, 255);     //atur kecepatan
  digitalWrite(dir1PinA, LOW);     //kanan
  digitalWrite(dir2PinA, HIGH);    //kiri
  }
}
```